

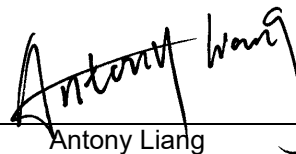
FCC RF EXPOSURE REPORT

FCC ID: 2AYMH-NP-200

Project No. : 2409C159
Equipment : electronic shelf label
Brand Name : Hanshow
Test Model : Nebular Pro-200Q-N
Series Model : Nebular-200Y-N, Nebular Pro-200H-N
Applicant : HANSHOW TECHNOLOGY CO.,LTD.
Address : Building 1(IF podium building and 4F) and Building 5 (7F) in Jiaxing Photovolta High-tech Park, No. 1288 Kanghe Rd., Xiuzhou District, Jiaxing, Zhejiang China
Manufacturer : HANSHOW TECHNOLOGY CO.,LTD.
Address : Building 1(IF podium building and 4F) and Building 5 (7F) in Jiaxing Photovolta High-tech Park, No. 1288 Kanghe Rd., Xiuzhou District, Jiaxing, Zhejiang China
Factory : HANSHOW TECHNOLOGY CO.,LTD.
Address : Building 1(IF podium building and 4F) and Building 5 (7F) in Jiaxing Photovolta High-tech Park, No. 1288 Kanghe Rd., Xiuzhou District, Jiaxing, Zhejiang China
Date of Receipt : Sep. 18, 2024
Date of Test : Sep. 19, 2024 ~ Oct. 11, 2024
Issued Date : Oct. 18, 2024
Report Version : R00
Test Sample : Engineering Sample No.: SSL20240918222
Standard(s) : FCC Guidelines for Human Exposure IEEE C95.1 & FCC Part 2.1091
FCC Title 47 Part 2.1091 & KDB 447498 D01 v06

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2409C159	R00	Original Report.	Oct. 18, 2024	Valid

1. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi R^2} = \frac{EIRP}{4\pi R^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

2. ANTENNA SPECIFICATION

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	HSEL4Q_01_90M_30	PCB	N/A	-0.7

Note: The antenna gain is provided by the manufacturer.

3. CALCULATED RESULT

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. Output Power (dBm)	Max. Output Power (mW)	Power Density (S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
-0.7	0.8511	2.8	1.9055	0.00032	1	Complies

Note:

(1) The calculated distance is 20 cm.

End of Test Report